

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
00-0000	Total, All Occupations	2,511,285	2,634,061	122,776	4.89%	61,388	61,378	122,766
11-0000	Management Occupations	149,854	155,330	5,476	3.65%	2,738	2,475	5,213
11-1000	Top Executives	35,810	37,753	1,943	5.43%	972	597	1,569
11-1011	Chief Executives	10,058	10,385	327	3.25%	164	168	332
11-1021	General & Operations Managers	25,288	26,887	1,599	6.32%	800	424	1,223
11-1031	Legislators	464	481	17	3.66%	9	6	14
11-2000	Advertising, Marketing, Promotions, Public Relations, & Sales Managers	14,950	15,674	724	4.84%	362	245	607
11-2011	Advertising & Promotions Managers	1,512	1,530	18	1.19%	9	24	33
11-2021	Marketing Managers	4,388	4,528	140	3.19%	70	73	143
11-2022	Sales Managers	7,694	8,205	511	6.64%	256	128	383
11-2031	Public Relations Managers	1,356	1,411	55	4.06%	28	21	48
11-3000	Operations Specialties Managers	31,814	32,857	1,043	3.28%	522	473	995
11-3011	Administrative Services Managers	5,489	5,710	221	4.03%	111	95	205
11-3021	Computer & Information Systems Managers	4,913	5,144	231	4.70%	116	79	194
11-3031	Financial Managers	11,077	11,560	483	4.36%	242	134	375
11-3040	Human Resources Managers	4,231	4,370	139	3.29%	70	57	127
11-3051	Industrial Production Managers	2,439	2,465	26	1.07%	13	42	55
11-3061	Purchasing Managers	2,011	1,966	-45	-2.24%	0	39	39
11-3071	Transportation, Storage, & Distribution Managers	1,654	1,642	-12	-0.73%	0	29	29
11-9000	Other Management Occupations	67,280	69,046	1,766	2.62%	883	1,160	2,043
11-9011	Farm, Ranch, & Other Agricultural Managers	2,573	2,536	-37	-1.44%	0	43	43
11-9012	Farmers & Ranchers	74	68	-6	-8.11%	0	1	1
11-9021	Construction Managers	6,009	6,065	56	0.93%	28	96	124
11-9031	Education Administrators, Preschool & Child Care Center/Program	1,237	1,389	152	12.29%	76	28	104
11-9032	Education Administrators, Elementary & Secondary School	3,345	3,649	304	9.09%	152	74	226
11-9033	Education Administrators, Postsecondary	2,576	2,704	128	4.97%	64	57	121
11-9039	Education Administrators, All Other	332	356	24	7.23%	12	8	20
11-9041	Engineering Managers	4,742	4,826	84	1.77%	42	85	127
11-9051	Food Service Managers	11,546	11,851	305	2.64%	153	174	327
11-9061	Funeral Directors	133	142	9	6.77%	5	4	9
11-9071	Gaming Managers	567	575	8	1.41%	4	10	14
11-9081	Lodging Managers	1,757	1,761	4	0.23%	2	27	29
11-9111	Medical & Health Services Managers	4,314	4,707	393	9.11%	197	72	269
11-9121	Natural Sciences Managers	604	617	13	2.15%	7	10	17
11-9131	Postmasters & Mail Superintendents	188	200	12	6.38%	6	3	9

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
11-9141	Property, Real Estate, & Community Association Managers	5,880	5,968	88	1.50%	44	100	144
11-9151	Social & Community Service Managers	3,073	3,407	334	10.87%	167	53	220
11-9199	Managers, All Other	18,330	18,225	-105	-0.57%	0	319	319
13-0000	Business & Financial Operations Occupations	102,289	106,738	4,449	4.35%	2,225	1,588	3,812
13-1000	Business Operations Specialists	52,940	55,014	2,074	3.92%	1,037	815	1,852
13-1011	Agents & Business Managers of Artists, Performers, &	306	327	21	6.86%	11	6	16
13-1021	Purchasing Agents & Buyers, Farm Products	459	462	3	0.65%	2	16	18
13-1022	Wholesale & Retail Buyers, Except Farm Products	2,881	2,935	54	1.87%	27	75	102
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm	4,129	4,177	48	1.16%	24	96	120
13-1031	Claims Adjusters, Examiners, & Investigators	4,970	5,236	266	5.35%	133	54	187
13-1032	Insurance Appraisers, Auto Damage	346	356	10	2.89%	5	4	9
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation	2,433	2,505	72	2.96%	36	52	88
13-1051	Cost Estimators	3,526	3,623	97	2.75%	49	73	121
13-1061	Emergency Management Specialists	141	145	4	2.84%	2	3	5
13-1071	Employment, Recruitment, & Placement Specialists	3,743	3,930	187	5.00%	94	48	142
13-1072	Compensation, Benefits, & Job Analysis Specialists	1,413	1,444	31	2.19%	16	18	34
13-1073	Training & Development Specialists	5,299	5,611	312	5.89%	156	68	224
13-1111	Management Analysts	14,585	15,072	487	3.34%	244	173	416
13-1121	Meeting & Convention Planners	753	763	10	1.33%	5	16	21
13-1199	Business Operations Specialists, All Other	7,956	8,428	472	5.93%	236	118	354
13-2000	Financial Specialists	49,349	51,724	2,375	4.81%	1,188	773	1,960
13-2011	Accountants & Auditors	21,169	22,311	1,142	5.39%	571	368	939
13-2021	Appraisers & Assessors of Real Estate	2,647	2,743	96	3.63%	48	52	100
13-2031	Budget Analysts	2,580	2,661	81	3.14%	41	37	78
13-2041	Credit Analysts	3,426	3,557	131	3.82%	66	47	113
13-2051	Financial Analysts	4,000	4,147	147	3.68%	74	53	126
13-2052	Personal Financial Advisors	2,115	2,239	124	5.86%	62	24	86
13-2053	Insurance Underwriters	1,963	2,063	100	5.09%	50	33	83
13-2061	Financial Examiners	449	456	7	1.56%	4	9	13
13-2071	Loan Counselors	986	1,023	37	3.75%	19	14	33
13-2072	Loan Officers	5,905	6,215	310	5.25%	155	84	239
13-2081	Tax Examiners, Collectors, & Revenue Agents	469	492	23	4.90%	12	10	22
13-2082	Tax Preparers	948	985	37	3.90%	19	14	33
13-2099	Financial Specialists, All Other	2,692	2,832	140	5.20%	70	43	113
15-0000	Computer & Mathematical Occupations	48,320	50,188	1,868	3.87%	934	568	1,502
15-1000	Computer Specialists	46,598	48,480	1,882	4.04%	941	529	1,470

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
15-1011	Computer & Information Scientists, Research	525	526	1	0.19%	1	5	6
15-1021	Computer Programmers	7,197	7,236	39	0.54%	20	158	178
15-1031	Computer Software Engineers, Applications	5,210	5,486	276	5.30%	138	42	180
15-1032	Computer Software Engineers, Systems Software	4,499	4,666	167	3.71%	84	36	120
15-1041	Computer Support Specialists	12,572	13,120	548	4.36%	274	133	407
15-1051	Computer Systems Analysts	6,920	7,301	381	5.51%	191	66	256
15-1061	Database Administrators	1,515	1,586	71	4.69%	36	13	49
15-1071	Network & Computer Systems Administrators	4,112	4,294	182	4.43%	91	38	129
15-1081	Network Systems & Data Communications Analysts	2,595	2,748	153	5.90%	77	26	102
15-1099	Computer Specialists, All Other	1,453	1,517	64	4.40%	32	14	46
15-2000	Mathematical Scientists	1,722	1,708	-14	-0.81%	0	39	39
15-2011	Actuaries	93	93	0	0.00%	0	4	4
15-2021	Mathematicians	63	65	2	3.17%	1	3	4
15-2031	Operations Research Analysts	1,290	1,283	-7	-0.54%	0	26	26
15-2041	Statisticians	179	172	-7	-3.91%	0	5	5
15-2091	Mathematical Technicians	27	25	-2	-7.41%	0	1	1
15-2099	Mathematical Science Occupations, All Other	70	70	0	0.00%	0	2	2
17-0000	Architecture & Engineering Occupations	58,185	58,934	749	1.29%	375	1,219	1,593
17-1000	Architects, Surveyors, & Cartographers	5,071	5,352	281	5.54%	141	97	238
17-1011	Architects, Except Landscape & Naval	2,358	2,517	159	6.74%	80	24	103
17-1012	Landscape Architects	931	991	60	6.44%	30	10	40
17-1021	Cartographers & Photogrammetrists	157	162	5	3.18%	3	6	8
17-1022	Surveyors	1,577	1,635	58	3.68%	29	57	86
17-1099	Architects, Surveyors, & Cartographers, All Other (OES Only)	48	47	-1	-2.08%	0	2	2
17-2000	Engineers	30,580	30,772	192	0.63%	96	612	708
17-2011	Aerospace Engineers	3,843	3,843	0	0.00%	0	93	93
17-2021	Agricultural Engineers	72	71	-1	-1.39%	0	3	3
17-2031	Biomedical Engineers	126	124	-2	-1.59%	0	2	2
17-2041	Chemical Engineers	260	235	-25	-9.62%	0	8	8
17-2051	Civil Engineers	4,920	5,133	213	4.33%	107	71	178
17-2061	Computer Hardware Engineers	1,836	1,799	-37	-2.02%	0	28	28
17-2071	Electrical Engineers	3,316	3,299	-17	-0.51%	0	60	60
17-2072	Electronics Engineers, Except Computer	5,228	5,256	28	0.54%	14	94	108
17-2081	Environmental Engineers	759	794	35	4.61%	18	12	30
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	1,067	1,082	15	1.41%	8	25	32
17-2112	Industrial Engineers	2,398	2,361	-37	-1.54%	0	55	55

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
17-2121	Marine Engineers & Naval Architects	44	42	-2	-4.55%	0	2	2
17-2131	Materials Engineers	437	422	-15	-3.43%	0	12	12
17-2141	Mechanical Engineers	3,783	3,774	-9	-0.24%	0	105	105
17-2151	Mining & Geological Engineers, Including Mining Safety	193	197	4	2.07%	2	6	8
17-2161	Nuclear Engineers	183	191	8	4.37%	4	6	10
17-2171	Petroleum Engineers	78	70	-8	-10.26%	0	3	3
17-2199	Engineers, All Other	2,037	2,079	42	2.06%	21	36	57
17-3000	Drafters, Engineering, & Mapping Technicians	22,534	22,810	276	1.22%	138	510	648
17-3011	Architectural & Civil Drafters	1,823	1,895	72	3.95%	36	50	86
17-3012	Electrical & Electronics Drafters	2,002	1,988	-14	-0.70%	0	55	55
17-3013	Mechanical Drafters	1,586	1,584	-2	-0.13%	0	44	44
17-3021	Aerospace Engineering & Operations Technicians	1,134	1,130	-4	-0.35%	0	22	22
17-3022	Civil Engineering Technicians	1,671	1,757	86	5.15%	43	33	76
17-3023	Electrical & Electronic Engineering Technicians	7,389	7,418	29	0.39%	15	143	157
17-3024	Electro-Mechanical Technicians	431	418	-13	-3.02%	0	9	9
17-3025	Environmental Engineering Technicians	363	372	9	2.48%	5	7	12
17-3026	Industrial Engineering Technicians	1,999	1,979	-20	-1.00%	0	39	39
17-3027	Mechanical Engineering Technicians	918	916	-2	-0.22%	0	18	18
17-3031	Surveying & Mapping Technicians	1,194	1,282	88	7.37%	44	47	91
17-3099	Drafters, Engineering, & Mapping Technicians, All Other (OES	2,024	2,071	47	2.32%	24	46	70
19-0000	Life, Physical, & Social Science Occupations	18,180	18,911	731	4.02%	366	403	768
19-1000	Life Scientists	2,167	2,276	109	5.03%	55	35	89
19-1010	Agricultural & Food Scientists	247	248	1	0.40%	1	4	5
19-1021	Biochemists & Biophysicists	99	98	-1	-1.01%	0	3	3
19-1022	Microbiologists	123	132	9	7.32%	5	4	9
19-1023	Zoologists & Wildlife Biologists	212	223	11	5.19%	6	7	12
19-1031	Conservation Scientists	158	159	1	0.63%	1	5	5
19-1032	Foresters	191	194	3	1.57%	2	5	7
19-1041	Epidemiologists	97	100	3	3.09%	2	2	3
19-1042	Medical Scientists, Except Epidemiologists	641	708	67	10.45%	34	10	44
19-1099	Life Scientists, All Other	399	414	15	3.76%	8	7	14
19-2000	Physical Scientists	3,497	3,600	103	2.95%	52	75	127
19-2011	Astronomers	60	66	6	10.00%	3	2	5
19-2012	Physicists	185	196	11	5.95%	6	6	12
19-2021	Atmospheric & Space Scientists	117	121	4	3.42%	2	5	7
19-2031	Chemists	604	627	23	3.81%	12	20	32
19-2032	Materials Scientists	203	193	-10	-4.93%	0	7	7

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
19-2041	Environmental Scientists & Specialists, Including Health	705	739	34	4.82%	17	11	28
19-2042	Geoscientists, Except Hydrologists & Geographers	253	265	12	4.74%	6	4	10
19-2043	Hydrologists	403	423	20	4.96%	10	6	16
19-2099	Physical Scientists, All Other	967	970	3	0.31%	2	21	23
19-3000	Social Scientists & Related Workers	7,498	7,842	344	4.59%	172	181	353
19-3011	Economists	184	186	2	1.09%	1	6	7
19-3021	Market Research Analysts	2,342	2,410	68	2.90%	34	61	95
19-3022	Survey Researchers	659	684	25	3.79%	13	17	30
19-3031	Clinical, Counseling, & School Psychologists	2,187	2,377	190	8.69%	95	45	140
19-3032	Industrial-Organizational Psychologists	49	49	0	0.00%	0	1	1
19-3041	Sociologists	50	58	8	16.00%	4	2	6
19-3051	Urban & Regional Planners	935	980	45	4.81%	23	30	53
19-3091	Anthropologists & Archeologists	194	199	5	2.58%	3	4	6
19-3092	Geographers	**	**	**	**	**	**	**
19-3093	Historians	27	27	0	0.00%	0	1	1
19-3094	Political Scientists	33	30	-3	-9.09%	0	1	1
19-3099	Social Scientists & Related Workers, All Other	829	833	4	0.48%	2	17	19
19-4000	Life, Physical, & Social Science Technicians	5,018	5,193	175	3.49%	88	113	200
19-4011	Agricultural & Food Science Technicians	141	134	-7	-4.96%	0	3	3
19-4021	Biological Technicians	289	294	5	1.73%	3	5	7
19-4031	Chemical Technicians	462	472	10	2.16%	5	11	16
19-4041	Geological & Petroleum Technicians	55	48	-7	-12.73%	0	2	2
19-4051	Nuclear Technicians	290	317	27	9.31%	14	8	21
19-4091	Environmental Science & Protection Technicians, Including	267	274	7	2.62%	4	6	10
19-4092	Forensic Science Technicians	428	459	31	7.24%	16	10	25
19-4093	Forest & Conservation Technicians	569	594	25	4.39%	13	13	26
19-4099	Life, Physical, & Social Science Technicians, All Other	2,517	2,601	84	3.34%	42	58	100
21-0000	Community & Social Services Occupations	29,498	32,036	2,538	8.60%	1,269	473	1,742
21-1000	Counselors, Social Workers, & Other Community & Social Service Specialists	24,233	26,374	2,141	8.84%	1,071	420	1,490
21-1011	Substance Abuse & Behavioral Disorder Counselors	916	988	72	7.86%	36	19	55
21-1012	Educational, Vocational, & School Counselors	3,970	4,212	242	6.10%	121	83	204
21-1013	Marriage & Family Therapists	514	554	40	7.78%	20	11	31
21-1014	Mental Health Counselors	1,809	1,992	183	10.12%	92	38	129
21-1015	Rehabilitation Counselors	1,548	1,700	152	9.82%	76	32	108
21-1021	Child, Family, & School Social Workers	4,663	5,059	396	8.49%	198	70	268
21-1022	Medical & Public Health Social Workers	1,086	1,181	95	8.75%	48	16	64

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
21-1023	Mental Health & Substance Abuse Social Workers	1,873	2,069	196	10.46%	98	28	126
21-1091	Health Educators	592	637	45	7.60%	23	10	32
21-1092	Probation Officers & Correctional Treatment Specialists	3,412	3,594	182	5.33%	91	54	145
21-1093	Social & Human Service Assistants	3,850	4,388	538	13.97%	269	61	330
21-2000	Religious Workers	3,390	3,655	265	7.82%	133	22	155
21-2011	Clergy	1,092	1,162	70	6.41%	35	22	57
21-2021	Directors, Religious Activities & Education	2,298	2,493	195	8.49%	98	22	120
21-9000	Miscellaneous Counselors, Social, & Religious Workers	1,875	2,007	132	7.04%	66	32	98
21-9099	Counselors, Social, & Religious Workers, All Other (OES Only)	1,875	2,007	132	7.04%	66	32	98
23-0000	Legal Occupations	20,112	21,059	947	4.71%	474	206	680
23-1000	Lawyers, Judges, & Related Workers	12,951	13,581	630	4.86%	315	150	465
23-1011	Lawyers	12,207	12,805	598	4.90%	299	141	440
23-1021	Administrative Law Judges, Adjudicators, & Hearing Officers	234	241	7	2.99%	4	3	6
23-1022	Arbitrators, Mediators, & Conciliators	81	82	1	1.23%	1	1	2
23-1023	Judges, Magistrate Judges, & Magistrates	429	453	24	5.59%	12	5	17
23-2000	Legal Support Workers	6,130	6,407	277	4.52%	139	47	186
23-2011	Paralegals & Legal Assistants	3,215	3,410	195	6.07%	98	20	118
23-2091	Court Reporters	390	411	21	5.38%	11	4	14
23-2092	Law Clerks	1,444	1,491	47	3.25%	24	14	37
23-2093	Title Examiners, Abstractors, & Searchers	1,081	1,095	14	1.30%	7	10	17
23-9000	Miscellaneous Legal & Related Workers	1,031	1,071	40	3.88%	20	10	30
23-9099	Legal & Related Workers, All Other (OES Only)	1,031	1,071	40	3.88%	20	10	30
25-0000	Education, Training, & Library Occupations	147,882	160,195	12,313	8.33%	6,157	2,809	8,965
25-1000	Postsecondary Teachers	35,984	38,437	2,453	6.82%	1,227	744	1,971
25-1011	Business Teachers, Postsecondary	2,976	3,174	198	6.65%	99	64	163
25-1021	Computer Science Teachers, Postsecondary	2,330	2,484	154	6.61%	77	50	127
25-1022	Mathematical Science Teachers, Postsecondary	1,987	2,103	116	5.84%	58	43	101
25-1031	Architecture Teachers, Postsecondary	264	279	15	5.68%	8	6	13
25-1032	Engineering Teachers, Postsecondary	1,037	1,100	63	6.08%	32	22	54
25-1041	Agricultural Sciences Teachers, Postsecondary	632	669	37	5.85%	19	14	32
25-1042	Biological Science Teachers, Postsecondary	976	1,035	59	6.05%	30	21	51
25-1043	Forestry & Conservation Science Teachers, Postsecondary	**	**	**	**	**	**	**
25-1051	Atmospheric, Earth, Marine, & Space Sciences Teachers, Postsecondary	155	165	10	6.45%	5	4	9
25-1052	Chemistry Teachers, Postsecondary	1,385	1,473	88	6.35%	44	30	74
25-1053	Environmental Science Teachers, Postsecondary	297	318	21	7.07%	11	7	17
25-1054	Physics Teachers, Postsecondary	672	716	44	6.55%	22	15	37

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
25-1061	Anthropology & Archeology Teachers, Postsecondary	14	15	1	7.14%	1	1	1
25-1062	Area, Ethnic, & Cultural Studies Teachers, Postsecondary	283	302	19	6.71%	10	6	16
25-1063	Economics Teachers, Postsecondary	995	1,058	63	6.33%	32	22	53
25-1064	Geography Teachers, Postsecondary	50	53	3	6.00%	2	1	3
25-1065	Political Science Teachers, Postsecondary	382	406	24	6.28%	12	8	20
25-1066	Psychology Teachers, Postsecondary	321	342	21	6.54%	11	7	18
25-1067	Sociology Teachers, Postsecondary	970	1,033	63	6.49%	32	21	53
25-1071	Health Specialties Teachers, Postsecondary	2,314	2,513	199	8.60%	100	50	149
25-1072	Nursing Instructors & Teachers, Postsecondary	1,199	1,275	76	6.34%	38	26	64
25-1081	Education Teachers, Postsecondary	1,077	1,147	70	6.50%	35	23	58
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	476	504	28	5.88%	14	10	24
25-1112	Law Teachers, Postsecondary	278	298	20	7.19%	10	6	16
25-1113	Social Work Teachers, Postsecondary	**	**	**	**	**	**	**
25-1121	Art, Drama, & Music Teachers, Postsecondary	1,540	1,648	108	7.01%	54	33	87
25-1122	Communications Teachers, Postsecondary	888	944	56	6.31%	28	19	47
25-1123	English Language & Literature Teachers, Postsecondary	2,020	2,143	123	6.09%	62	44	105
25-1124	Foreign Language & Literature Teachers, Postsecondary	555	594	39	7.03%	20	12	32
25-1125	History Teachers, Postsecondary	101	107	6	5.94%	3	2	5
25-1126	Philosophy & Religion Teachers, Postsecondary	150	159	9	6.00%	5	3	8
25-1191	Graduate Teaching Assistants	1,420	1,503	83	5.85%	42	31	72
25-1192	Home Economics Teachers, Postsecondary	66	70	4	6.06%	2	2	4
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	402	426	24	5.97%	12	9	21
25-1194	Vocational Education Teachers, Postsecondary	3,000	3,312	312	10.40%	156	65	221
25-1199	Postsecondary Teachers, All Other	4,770	5,067	297	6.23%	149	102	251
25-2000	Primary, Secondary, & Special Education School Teachers	68,381	74,603	6,222	9.10%	3,111	1,328	4,439
25-2011	Preschool Teachers, Except Special Education	8,672	9,819	1,147	13.23%	574	87	660
25-2012	Kindergarten Teachers, Except Special Education	3,039	3,353	314	10.33%	157	31	188
25-2021	Elementary School Teachers, Except Special Education	29,468	31,890	2,422	8.22%	1,211	575	1,786
25-2022	Middle School Teachers, Except Special & Vocational	7,361	7,869	508	6.90%	254	144	398
25-2023	Vocational Education Teachers, Middle School	154	167	13	8.44%	7	3	10
25-2031	Secondary School Teachers, Except Special & Vocational Education	13,132	14,279	1,147	8.73%	574	347	921
25-2032	Vocational Education Teachers, Secondary School	902	965	63	6.98%	32	24	56
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	3,380	3,742	362	10.71%	181	71	252
25-2042	Special Education Teachers, Middle School	666	738	72	10.81%	36	14	50
25-2043	Special Education Teachers, Secondary School	1,607	1,781	174	10.83%	87	34	121

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
25-3000	Other Teachers & Instructors	9,651	10,713	1,062	11.00%	531	104	635
25-3011	Adult Literacy, Remedial Education, & GED Teachers &	1,218	1,308	90	7.39%	45	13	58
25-3021	Self-Enrichment Education Teachers	4,479	5,048	569	12.70%	285	48	333
25-3999	Teachers, Primary, Secondary, & Adult, All Other (OES Only)	3,954	4,357	403	10.19%	202	43	244
25-4000	Librarians, Curators, & Archivists	5,743	6,014	271	4.72%	136	162	297
25-4010	Archivists, Curators, & Museum Technicians	1,009	1,045	36	3.57%	18	22	40
25-4021	Librarians	2,700	2,824	124	4.59%	62	56	118
25-4031	Library Technicians	2,034	2,145	111	5.46%	56	84	140
25-9000	Other Education, Training, & Library Occupations	28,123	30,428	2,305	8.20%	1,153	472	1,624
25-9011	Audio-Visual Collections Specialists	495	515	20	4.04%	10	7	17
25-9021	Farm & Home Management Advisors	44	42	-2	-4.55%	0	1	1
25-9031	Instructional Coordinators	3,597	3,827	230	6.39%	115	49	164
25-9041	Teacher Assistants	23,611	25,648	2,037	8.63%	1,019	411	1,430
25-9199	Library, Museum, Training, & Other Education Workers, All Other (OES Only)	376	396	20	5.32%	10	5	15
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	36,864	37,446	582	1.58%	291	611	902
27-1000	Art & Design Workers	13,710	13,867	157	1.15%	79	168	246
27-1011	Art Directors	551	533	-18	-3.27%	0	12	12
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrators	519	521	2	0.39%	1	11	12
27-1014	Multi-Media Artists & Animators	1,085	1,042	-43	-3.96%	0	23	23
27-1021	Commercial & Industrial Designers	766	738	-28	-3.66%	0	9	9
27-1022	Fashion Designers	154	163	9	5.84%	5	2	7
27-1023	Floral Designers	1,904	2,013	109	5.72%	55	23	77
27-1024	Graphic Designers	3,980	4,084	104	2.61%	52	48	100
27-1025	Interior Designers	1,182	1,219	37	3.13%	19	14	33
27-1026	Merchandise Displayers & Window Trimmers	1,628	1,667	39	2.40%	20	20	39
27-1027	Set & Exhibit Designers	315	318	3	0.95%	2	4	5
27-1099	Art & Design Workers, All Other (OES Only)	1,626	1,569	-57	-3.51%	0	27	27
27-2000	Entertainers & Performers, Sports & Related Workers	6,783	6,977	194	2.86%	97	146	243
27-2011	Actors	720	731	11	1.53%	6	8	14
27-2012	Producers & Directors	893	871	-22	-2.46%	0	12	12
27-2021	Athletes & Sports Competitors	349	361	12	3.44%	6	6	12
27-2022	Coaches & Scouts	1,975	2,099	124	6.28%	62	36	98
27-2023	Umpires, Referees, & Other Sports Officials	200	210	10	5.00%	5	4	9
27-2031	Dancers	238	238	0	0.00%	0	17	17
27-2032	Choreographers	547	610	63	11.52%	32	38	70

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
27-2041	Music Directors & Composers	199	183	-16	-8.04%	0	4	4
27-2042	Musicians & Singers	1,139	1,158	19	1.67%	10	22	32
27-2099	Entertainers & Performers, Sports & Related Workers, All	523	516	-7	-1.34%	0	6	6
27-3000	Media & Communication Workers	11,470	11,635	165	1.44%	83	198	281
27-3010	Announcers	802	775	-27	-3.37%	0	21	21
27-3020	News Analysts, Reporters & Correspondents	650	664	14	2.15%	7	15	22
27-3031	Public Relations Specialists	2,795	2,987	192	6.87%	96	37	133
27-3041	Editors	1,480	1,496	16	1.08%	8	33	41
27-3042	Technical Writers	1,141	1,133	-8	-0.70%	0	30	30
27-3043	Writers & Authors	2,519	2,456	-63	-2.50%	0	40	40
27-3091	Interpreters & Translators	1,004	1,054	50	4.98%	25	11	36
27-3099	Media & Communication Workers, All Other	1,079	1,070	-9	-0.83%	0	12	12
27-4000	Media & Communication Equipment Workers	4,901	4,967	66	1.35%	33	100	133
27-4011	Audio & Video Equipment Technicians	694	746	52	7.49%	26	17	43
27-4012	Broadcast Technicians	491	486	-5	-1.02%	0	12	12
27-4013	Radio Operators	31	29	-2	-6.45%	0	1	1
27-4014	Sound Engineering Technicians	231	240	9	3.90%	5	6	10
27-4021	Photographers	2,447	2,453	6	0.25%	3	44	47
27-4031	Camera Operators, Television, Video, & Motion Picture	487	491	4	0.82%	2	10	12
27-4032	Film & Video Editors	169	171	2	1.18%	1	3	4
27-4099	Media & Communication Equipment Workers, All Other	351	351	0	0.00%	0	8	8
29-0000	Healthcare Practitioners & Technical Occupations	106,379	115,876	9,497	8.93%	4,749	1,715	6,463
29-1000	Health Diagnosing & Treating Practitioners	64,915	70,753	5,838	8.99%	2,919	1,057	3,976
29-1011	Chiropractors	1,059	1,118	59	5.57%	30	17	47
29-1020	Dentists	4,527	4,822	295	6.52%	148	66	213
29-1031	Dietitians & Nutritionists	1,079	1,143	64	5.93%	32	28	60
29-1041	Optometrists	485	508	23	4.74%	12	14	25
29-1051	Pharmacists	3,244	3,566	322	9.93%	161	60	221
29-1061	Anesthesiologists	229	249	20	8.73%	10	3	13
29-1062	Family & General Practitioners	2,829	3,071	242	8.55%	121	34	155
29-1063	Internists, General	406	442	36	8.87%	18	5	23
29-1064	Obstetricians & Gynecologists	209	228	19	9.09%	10	3	12
29-1065	Pediatricians, General	309	337	28	9.06%	14	4	18
29-1066	Psychiatrists	312	334	22	7.05%	11	4	15
29-1067	Surgeons	320	348	28	8.75%	14	4	18
29-1069	Physicians & Surgeons, All Other	3,412	3,681	269	7.88%	135	41	175
29-1071	Physician Assistants	2,347	2,651	304	12.95%	152	33	185

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
29-1081	Podiatrists	340	357	17	5.00%	9	8	17
29-1111	Registered Nurses	34,698	38,022	3,324	9.58%	1,662	642	2,304
29-1121	Audiologists	293	316	23	7.85%	12	7	19
29-1122	Occupational Therapists	996	1,100	104	10.44%	52	12	64
29-1123	Physical Therapists	2,343	2,572	229	9.77%	115	18	133
29-1124	Radiation Therapists	536	602	66	12.31%	33	11	44
29-1125	Recreational Therapists	400	415	15	3.75%	8	9	16
29-1126	Respiratory Therapists	1,291	1,419	128	9.91%	64	41	105
29-1127	Speech-Language Pathologists	1,223	1,318	95	7.77%	48	30	77
29-1131	Veterinarians	1,212	1,251	39	3.22%	20	28	47
29-1199	Health Diagnosing & Treating Practitioners, All Other	816	883	67	8.21%	34	16	50
29-2000	Health Technologists & Technicians	39,104	42,578	3,474	8.88%	1,737	616	2,353
29-2011	Medical & Clinical Laboratory Technologists	2,132	2,321	189	8.86%	95	55	150
29-2012	Medical & Clinical Laboratory Technicians	4,881	5,298	417	8.54%	209	126	335
29-2021	Dental Hygienists	1,719	1,970	251	14.60%	126	12	137
29-2031	Cardiovascular Technologists & Technicians	560	616	56	10.00%	28	10	38
29-2032	Diagnostic Medical Sonographers	825	899	74	8.97%	37	14	51
29-2033	Nuclear Medicine Technologists	208	224	16	7.69%	8	4	12
29-2034	Radiologic Technologists & Technicians	4,086	4,460	374	9.15%	187	68	255
29-2041	Emergency Medical Technicians & Paramedics	2,196	2,450	254	11.57%	127	22	149
29-2051	Dietetic Technicians	1,006	1,075	69	6.86%	35	12	46
29-2052	Pharmacy Technicians	3,048	3,328	280	9.19%	140	36	176
29-2053	Psychiatric Technicians	651	708	57	8.76%	29	8	36
29-2054	Respiratory Therapy Technicians	813	897	84	10.33%	42	10	52
29-2055	Surgical Technologists	1,693	1,863	170	10.04%	85	20	105
29-2056	Veterinary Technologists & Technicians	1,656	1,786	130	7.85%	65	20	85
29-2061	Licensed Practical & Licensed Vocational Nurses	9,081	9,675	594	6.54%	297	183	480
29-2071	Medical Records & Health Information Technicians	3,326	3,702	376	11.30%	188	42	230
29-2081	Opticians, Dispensing	1,159	1,238	79	6.82%	40	19	58
29-2091	Orthotists & Prosthetists	64	68	4	6.25%	2	1	3
29-9000	Other Healthcare Practitioners & Technical Occupations	713	721	8	1.12%	4	15	19
29-9010	Occupational Health & Safety Specialists & Technicians	544	544	0	0.00%	0	11	11
29-9091	Athletic Trainers	169	177	8	4.73%	4	4	8
29-9100	Other Health Practitioners & Technical Workers	1,647	1,824	177	10.75%	89	28	116
29-9199	Health Professionals & Technicians, All Other (OES Only)	1,647	1,824	177	10.75%	89	28	116
31-0000	Healthcare Support Occupations	60,586	66,895	6,309	10.41%	3,155	948	4,103
31-1000	Nursing, Psychiatric, & Home Health Aides	30,184	33,004	2,820	9.34%	1,410	357	1,767

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
31-1011	Home Health Aides	10,281	11,484	1,203	11.70%	602	122	723
31-1012	Nursing Aides, Orderlies, & Attendants	18,872	20,391	1,519	8.05%	760	224	983
31-1013	Psychiatric Aides	1,031	1,129	98	9.51%	49	12	61
31-2000	Occupational & Physical Therapist Assistants & Aides	3,237	3,625	388	11.99%	194	50	244
31-2011	Occupational Therapist Assistants	233	252	19	8.15%	10	3	12
31-2012	Occupational Therapist Aides	121	131	10	8.26%	5	2	7
31-2021	Physical Therapist Assistants	1,547	1,733	186	12.02%	93	25	118
31-2022	Physical Therapist Aides	1,336	1,509	173	12.95%	87	21	108
31-9000	Other Healthcare Support Occupations	27,165	30,266	3,101	11.42%	1,551	542	2,092
31-9011	Massage Therapists	2,142	2,230	88	4.11%	44	47	91
31-9091	Dental Assistants	5,341	6,112	771	14.44%	386	142	527
31-9092	Medical Assistants	11,652	13,292	1,640	14.07%	820	209	1,029
31-9093	Medical Equipment Preparers	819	878	59	7.20%	30	15	44
31-9094	Medical Transcriptionists	1,804	1,921	117	6.49%	59	33	91
31-9095	Pharmacy Aides	1,504	1,613	109	7.25%	55	27	82
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	830	873	43	5.18%	22	15	37
31-9099	Healthcare Support Workers, All Other	3,073	3,347	274	8.92%	137	55	192
33-0000	Protective Service Occupations	63,325	67,390	4,065	6.42%	2,033	1,980	4,013
33-1000	First-Line Supervisors/Managers, Protective Service Workers	5,781	6,109	328	5.67%	164	173	337
33-1011	First-Line Supervisors/Managers of Correctional Officers	1,157	1,221	64	5.53%	32	31	63
33-1012	First-Line Supervisors/Managers of Police & Detectives	2,344	2,479	135	5.76%	68	69	137
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	1,169	1,252	83	7.10%	42	46	88
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	1,111	1,157	46	4.14%	23	27	50
33-2000	Fire Fighting & Prevention Workers	5,154	5,522	368	7.14%	184	137	321
33-2011	Fire Fighters	4,831	5,195	364	7.53%	182	129	311
33-2021	Fire Inspectors & Investigators	284	286	2	0.70%	1	8	9
33-2022	Forest Fire Inspectors & Prevention Specialists	39	41	2	5.13%	1	1	2
33-3000	Law Enforcement Workers	25,016	26,722	1,706	6.82%	853	566	1,419
33-3011	Bailiffs	245	259	14	5.71%	7	5	12
33-3012	Correctional Officers & Jailers	9,117	9,704	587	6.44%	294	179	473
33-3021	Detectives & Criminal Investigators	1,629	1,712	83	5.10%	42	41	83
33-3031	Fish & Game Wardens	242	248	6	2.48%	3	7	10
33-3041	Parking Enforcement Workers	274	284	10	3.65%	5	5	10
33-3051	Police & Sheriff's Patrol Officers	13,483	14,493	1,010	7.49%	505	329	834
33-3052	Transit & Railroad Police	26	22	-4	-15.38%	0	1	1

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
33-9000	Other Protective Service Workers	27,374	29,037	1,663	6.08%	832	1,105	1,936
33-9011	Animal Control Workers	370	395	25	6.76%	13	40	53
33-9021	Private Detectives & Investigators	849	889	40	4.71%	20	18	38
33-9031	Gaming Surveillance Officers & Gaming Investigators	824	872	48	5.83%	24	19	43
33-9032	Security Guards	18,994	20,191	1,197	6.30%	599	440	1,039
33-9091	Crossing Guards	1,239	1,338	99	7.99%	50	41	91
33-9099	Protective Service Workers, All Other	5,098	5,352	254	4.98%	127	547	674
35-0000	Food Preparation & Serving Related Occupations	198,970	208,020	9,050	4.55%	4,525	9,777	14,302
35-1000	Supervisors, Food Preparation & Serving Workers	15,162	15,791	629	4.15%	315	409	723
35-1011	Chefs & Head Cooks	1,619	1,676	57	3.52%	29	60	88
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	13,543	14,115	572	4.22%	286	349	635
35-2000	Cooks & Food Preparation Workers	49,135	51,187	2,052	4.18%	1,026	2,044	3,070
35-2011	Cooks, Fast Food	11,198	11,407	209	1.87%	105	445	549
35-2012	Cooks, Institution & Cafeteria	5,012	5,215	203	4.05%	102	199	301
35-2013	Cooks, Private Household	24	26	2	8.33%	1	1	2
35-2014	Cooks, Restaurant	13,269	13,831	562	4.24%	281	527	808
35-2015	Cooks, Short Order	3,122	3,238	116	3.72%	58	124	182
35-2021	Food Preparation Workers	16,510	17,470	960	5.81%	480	749	1,229
35-3000	Food & Beverage Serving Workers	106,105	111,345	5,240	4.94%	2,620	6,059	8,679
35-3011	Bartenders	7,601	7,826	225	2.96%	113	293	406
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	48,495	51,196	2,701	5.57%	1,351	2,643	3,994
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee	5,469	5,783	314	5.74%	157	575	732
35-3031	Waiters & Waitresses	40,916	42,788	1,872	4.58%	936	2,390	3,326
35-3041	Food Servers, Nonrestaurant	3,624	3,752	128	3.53%	64	158	222
35-9000	Other Food Preparation & Serving Related Workers	28,568	29,697	1,129	3.95%	565	1,266	1,830
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	10,905	11,444	539	4.94%	270	491	760
35-9021	Dishwashers	10,867	11,204	337	3.10%	169	518	687
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	5,827	6,068	241	4.14%	121	218	339
35-9099	Food Preparation & Serving Related Workers, All Other	969	981	12	1.24%	6	39	45
37-0000	Building & Grounds Cleaning & Maintenance Occupations	97,220	103,170	5,950	6.12%	2,975	1,923	4,898
37-1000	Supervisors, Building & Grounds Cleaning & Maintenance	8,467	8,902	435	5.14%	218	130	348
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	4,229	4,454	225	5.32%	113	95	207
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	4,238	4,448	210	4.96%	105	36	141

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
37-2000	Building Cleaning & Pest Control Workers	56,974	60,492	3,518	6.17%	1,759	1,101	2,860
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	31,609	33,731	2,122	6.71%	1,061	595	1,656
37-2012	Maids & Housekeeping Cleaners	23,405	24,672	1,267	5.41%	634	481	1,115
37-2021	Pest Control Workers	1,960	2,089	129	6.58%	65	25	90
37-3000	Grounds Maintenance Workers	31,779	33,776	1,997	6.28%	999	692	1,690
37-3011	Landscaping & Groundskeeping Workers	29,744	31,737	1,993	6.70%	997	649	1,646
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	340	326	-14	-4.12%	0	8	8
37-3013	Tree Trimmers & Pruners	165	160	-5	-3.03%	0	4	4
37-9099	Building & Grounds Cleaning & Maintenance Workers, All Other (OES Only)	1,530	1,553	23	1.50%	12	32	43
39-0000	Personal Care & Service Occupations	72,024	75,790	3,766	5.23%	1,883	1,838	3,721
39-1000	Supervisors, Personal Care & Service Workers	6,847	6,956	109	1.59%	55	152	206
39-1011	Gaming Supervisors	1,648	1,715	67	4.07%	34	34	67
39-1012	Slot Key Persons	2,020	2,090	70	3.47%	35	41	76
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3,179	3,151	-28	-0.88%	0	77	77
39-2000	Animal Care & Service Workers	3,209	3,285	76	2.37%	38	74	112
39-2011	Animal Trainers	508	478	-30	-5.91%	0	11	11
39-2021	Nonfarm Animal Caretakers	2,701	2,807	106	3.92%	53	63	116
39-3000	Entertainment Attendants & Related Workers	12,081	12,685	604	5.00%	302	564	866
39-3011	Gaming Dealers	2,572	2,707	135	5.25%	68	109	176
39-3012	Gaming & Sports Book Writers & Runners	633	671	38	6.00%	19	27	46
39-3021	Motion Picture Projectionists	95	92	-3	-3.16%	0	5	5
39-3031	Ushers, Lobby Attendants, & Ticket Takers	2,093	2,222	129	6.16%	65	179	243
39-3091	Amusement & Recreation Attendants	5,415	5,664	249	4.60%	125	197	321
39-3092	Costume Attendants	41	40	-1	-2.44%	0	2	2
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	376	388	12	3.19%	6	14	20
39-3199	Gaming Workers, All Other (OES Only)	856	901	45	5.26%	23	34	57
39-4000	Funeral Service Workers	248	271	23	9.27%	12	6	17
39-4011	Embalmers	116	125	9	7.76%	5	3	7
39-4021	Funeral Attendants	132	146	14	10.61%	7	3	10
39-5000	Personal Appearance Workers	13,705	14,143	438	3.20%	219	260	479
39-5011	Barbers	1,344	1,352	8	0.60%	4	38	42
39-5012	Hairdressers, Hairstylists, & Cosmetologists	9,784	10,104	320	3.27%	160	176	336
39-5091	Makeup Artists, Theatrical & Performance	21	20	-1	-4.76%	0	1	1
39-5092	Manicurists & Pedicurists	1,747	1,828	81	4.64%	41	32	72
39-5093	Shampooers	217	226	9	4.15%	5	4	9
39-5094	Skin Care Specialists	592	613	21	3.55%	11	11	21

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
39-6000	Transportation, Tourism, & Lodging Attendants	7,472	7,880	408	5.46%	204	114	318
39-6011	Baggage Porters & Bellhops	1,273	1,328	55	4.32%	28	39	67
39-6012	Concierges	549	571	22	4.01%	11	17	28
39-6021	Tour Guides & Escorts	1,389	1,480	91	6.55%	46	39	85
39-6022	Travel Guides	211	221	10	4.74%	5	6	11
39-6031	Flight Attendants	3,749	3,969	220	5.87%	110	48	158
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	301	311	10	3.32%	5	4	9
39-9000	Other Personal Care & Service Workers	28,462	30,570	2,108	7.41%	1,054	671	1,725
39-9011	Child Care Workers	11,462	12,207	745	6.50%	373	334	706
39-9021	Personal & Home Care Aides	6,159	6,809	650	10.55%	325	94	419
39-9031	Fitness Trainers & Aerobics Instructors	2,665	2,913	248	9.31%	124	59	183
39-9032	Recreation Workers	5,067	5,382	315	6.22%	158	113	270
39-9041	Residential Advisors	401	411	10	2.49%	5	8	13
39-9099	Personal Care & Service Workers, All Other	2,708	2,848	140	5.17%	70	64	134
41-0000	Sales & Related Occupations	276,675	291,120	14,445	5.22%	7,223	10,125	17,348
41-1000	Supervisors, Sales Workers	40,307	41,591	1,284	3.19%	642	670	1,312
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	27,520	28,813	1,293	4.70%	647	451	1,097
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	12,787	12,778	-9	-0.07%	0	219	219
41-2000	Retail Sales Workers	145,165	155,621	10,456	7.20%	5,228	7,483	12,711
41-2011	Cashiers	65,226	69,967	4,741	7.27%	2,371	4,220	6,590
41-2012	Gaming Change Persons & Booth Cashiers	1,086	1,148	62	5.71%	31	71	102
41-2021	Counter & Rental Clerks	8,016	8,574	558	6.96%	279	374	653
41-2022	Parts Salespersons	3,360	3,448	88	2.62%	44	102	146
41-2031	Retail Salespersons	67,477	72,484	5,007	7.42%	2,504	2,717	5,221
41-3000	Sales Representatives, Services	17,735	18,482	747	4.21%	374	328	701
41-3011	Advertising Sales Agents	3,313	3,414	101	3.05%	51	60	110
41-3021	Insurance Sales Agents	6,058	6,249	191	3.15%	96	138	234
41-3031	Securities, Commodities, & Financial Services Sales Agents	4,394	4,580	186	4.23%	93	44	137
41-3041	Travel Agents	3,970	4,239	269	6.78%	135	86	221
41-4000	Sales Representatives, Wholesale & Manufacturing	38,343	40,238	1,895	4.94%	948	992	1,939
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	12,727	13,279	552	4.34%	276	329	605
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	25,616	26,959	1,343	5.24%	672	663	1,334
41-9000	Other Sales & Related Workers	35,125	35,188	63	0.18%	32	654	686
41-9011	Demonstrators & Product Promoters	2,102	2,168	66	3.14%	33	46	79

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
41-9012	Models	172	173	1	0.58%	1	4	4
41-9021	Real Estate Brokers	3,534	3,472	-62	-1.75%	0	65	65
41-9022	Real Estate Sales Agents	6,211	6,092	-119	-1.92%	0	114	114
41-9031	Sales Engineers	1,493	1,502	9	0.60%	5	44	48
41-9041	Telemarketers	11,903	11,883	-20	-0.17%	0	186	186
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related Workers	2,914	2,773	-141	-4.84%	0	72	72
41-9099	Sales & Related Workers, All Other	6,796	7,125	329	4.84%	165	125	289
43-0000	Office & Administrative Support Occupations	411,054	426,190	15,136	3.68%	7,568	9,238	16,806
43-1000	Supervisors, Office & Administrative Support Workers	25,163	26,129	966	3.84%	483	490	973
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	25,163	26,129	966	3.84%	483	490	973
43-2000	Communications Equipment Operators	5,331	5,279	-52	-0.98%	0	137	137
43-2011	Switchboard Operators, Including Answering Service	4,197	4,243	46	1.10%	23	109	132
43-2021	Telephone Operators	819	739	-80	-9.77%	0	22	22
43-2099	Communications Equipment Operators, All Other	315	297	-18	-5.71%	0	7	7
43-3000	Financial Clerks	63,983	66,130	2,147	3.36%	1,074	1,384	2,457
43-3011	Bill & Account Collectors	12,490	13,056	566	4.53%	283	223	506
43-3021	Billing & Posting Clerks & Machine Operators	7,611	7,843	232	3.05%	116	120	236
43-3031	Bookkeeping, Accounting, & Auditing Clerks	29,322	30,273	951	3.24%	476	517	992
43-3041	Gaming Cage Workers	1,420	1,498	78	5.49%	39	92	131
43-3051	Payroll & Timekeeping Clerks	4,780	4,830	50	1.05%	25	120	145
43-3061	Procurement Clerks	1,309	1,286	-23	-1.76%	0	33	33
43-3071	Tellers	7,051	7,344	293	4.16%	147	401	547
43-4000	Information & Record Clerks	115,675	121,417	5,742	4.96%	2,871	2,385	5,256
43-4011	Brokerage Clerks	1,269	1,260	-9	-0.71%	0	15	15
43-4021	Correspondence Clerks	566	549	-17	-3.00%	0	17	17
43-4031	Court, Municipal, & License Clerks	3,045	3,177	132	4.33%	66	64	130
43-4041	Credit Authorizers, Checkers, & Clerks	3,277	3,281	4	0.12%	2	60	62
43-4051	Customer Service Representatives	46,061	49,144	3,083	6.69%	1,542	665	2,206
43-4061	Eligibility Interviewers, Government Programs	3,794	3,723	-71	-1.87%	0	94	94
43-4071	File Clerks	5,789	5,814	25	0.43%	13	175	188
43-4081	Hotel, Motel, & Resort Desk Clerks	3,759	4,010	251	6.68%	126	191	316
43-4111	Interviewers, Except Eligibility & Loan	3,447	3,731	284	8.24%	142	88	230
43-4121	Library Assistants, Clerical	1,253	1,336	83	6.62%	42	58	100
43-4131	Loan Interviewers & Clerks	5,885	5,831	-54	-0.92%	0	73	73
43-4141	New Accounts Clerks	1,365	1,432	67	4.91%	34	35	68

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-4151	Order Clerks	5,625	5,579	-46	-0.82%	0	129	129
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	3,888	4,009	121	3.11%	61	80	141
43-4171	Receptionists & Information Clerks	19,044	20,667	1,623	8.52%	812	491	1,302
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	3,579	3,742	163	4.55%	82	96	177
43-4999	Financial, Information, & Record Clerks, All Other (OES Only)	4,029	4,132	103	2.56%	52	58	109
43-5000	Material Recording, Scheduling, Dispatching, & Distributing	62,482	64,635	2,153	3.45%	1,077	2,081	3,158
43-5011	Cargo & Freight Agents	970	1,006	36	3.71%	18	22	40
43-5021	Couriers & Messengers	2,383	2,376	-7	-0.29%	0	58	58
43-5031	Police, Fire, & Ambulance Dispatchers	1,594	1,682	88	5.52%	44	33	77
43-5032	Dispatchers, Except Police, Fire, & Ambulance	3,264	3,366	102	3.13%	51	67	118
43-5041	Meter Readers, Utilities	1,315	1,354	39	2.97%	20	41	60
43-5051	Postal Service Clerks	991	1,052	61	6.16%	31	24	54
43-5052	Postal Service Mail Carriers	5,356	5,689	333	6.22%	167	157	323
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	3,831	3,984	153	3.99%	77	92	168
43-5061	Production, Planning, & Expediting Clerks	4,290	4,356	66	1.54%	33	99	132
43-5071	Shipping, Receiving, & Traffic Clerks	13,213	13,903	690	5.22%	345	262	607
43-5081	Stock Clerks & Order Fillers	23,437	24,051	614	2.62%	307	1,171	1,478
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	1,342	1,344	2	0.15%	1	35	36
43-5199	Material Recording, Scheduling, Dispatching, & Distributing Workers, All Other (OES Only)	496	472	-24	-4.84%	0	25	25
43-6000	Secretaries & Administrative Assistants	65,259	67,459	2,200	3.37%	1,100	1,137	2,237
43-6011	Executive Secretaries & Administrative Assistants	28,812	29,940	1,128	3.92%	564	502	1,066
43-6012	Legal Secretaries	4,588	4,803	215	4.69%	108	80	188
43-6013	Medical Secretaries	2,494	2,670	176	7.06%	88	44	132
43-6014	Secretaries, Except Legal, Medical, & Executive	29,365	30,046	681	2.32%	341	512	852
43-9000	Other Office & Administrative Support Workers	73,161	75,141	1,980	2.71%	990	1,625	2,615
43-9011	Computer Operators	3,631	3,511	-120	-3.30%	0	75	75
43-9021	Data Entry Keyers	9,184	9,169	-15	-0.16%	0	220	220
43-9022	Word Processors & Typists	3,786	3,546	-240	-6.34%	0	82	82
43-9031	Desktop Publishers	354	362	8	2.26%	4	8	12
43-9041	Insurance Claims & Policy Processing Clerks	3,434	3,543	109	3.17%	55	51	106
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	2,339	2,360	21	0.90%	11	73	84
43-9061	Office Clerks, General	42,613	44,968	2,355	5.53%	1,178	947	2,125
43-9071	Office Machine Operators, Except Computer	2,079	2,047	-32	-1.54%	0	54	54
43-9081	Proofreaders & Copy Markers	972	944	-28	-2.88%	0	22	22
43-9111	Statistical Assistants	205	192	-13	-6.34%	0	3	3

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-9999	Secretaries, Administrative Assistants, & Other Office Support Workers, All Other (OES Only)	4,564	4,499	-65	-1.42%	0	92	92
45-0000	Farming, Fishing, & Forestry Occupations	21,972	21,785	-187	-0.85%	0	650	650
45-1000	Supervisors, Farming, Fishing, & Forestry Workers	1,062	1,039	-23	-2.17%	0	25	25
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	912	893	-19	-2.08%	0	21	21
45-1012	Farm Labor Contractors	150	146	-4	-2.67%	0	4	4
45-2000	Agricultural Workers	18,986	18,812	-174	-0.92%	0	579	579
45-2011	Agricultural Inspectors	320	322	2	0.63%	1	8	9
45-2021	Animal Breeders	124	99	-25	-20.16%	0	2	2
45-2041	Graders & Sorters, Agricultural Products	796	791	-5	-0.63%	0	22	22
45-2091	Agricultural Equipment Operators	1,508	1,513	5	0.33%	3	47	49
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	15,141	14,988	-153	-1.01%	0	468	468
45-2093	Farmworkers, Farm & Ranch Animals	1,097	1,099	2	0.18%	1	34	35
45-3000	Fishing & Hunting Workers	12	12	0	0.00%	0	1	1
45-3011	Fishers & Related Fishing Workers	**	**	**	**	**	**	**
45-3021	Hunters & Trappers	**	**	**	**	**	**	**
45-4000	Forest, Conservation, & Logging Workers	414	424	10	2.42%	5	8	13
45-4011	Forest & Conservation Workers	102	104	2	1.96%	1	3	4
45-4021	Fallers	40	48	8	20.00%	4	1	5
45-4022	Logging Equipment Operators	190	197	7	3.68%	4	4	7
45-4023	Log Graders & Scalers	82	75	-7	-8.54%	0	2	2
45-9000	Other Farming, Fishing, & Forestry Workers	1,498	1,498	0	0.00%	0	38	38
45-9099	Farming, Fishing, & Forestry Workers, All Other (OES Only)	1,498	1,498	0	0.00%	0	38	38
47-0000	Construction & Extraction Occupations	194,527	204,121	9,594	4.93%	4,797	3,719	8,516
47-1000	Supervisors, Construction & Extraction Workers	15,607	16,161	554	3.55%	277	230	507
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	15,607	16,161	554	3.55%	277	230	507
47-2000	Construction Trades Workers	145,002	152,085	7,083	4.88%	3,542	2,403	5,944
47-2011	Boilermakers	749	734	-15	-2.00%	0	28	28
47-2021	Brickmasons & Blockmasons	4,250	4,577	327	7.69%	164	57	221
47-2022	Stonemasons	934	984	50	5.35%	25	13	38
47-2031	Carpenters	33,820	34,220	400	1.18%	200	496	696
47-2041	Carpet Installers	2,202	2,272	70	3.18%	35	30	65
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	508	526	18	3.54%	9	7	16
47-2043	Floor Sanders & Finishers	544	571	27	4.96%	14	8	21
47-2044	Tile & Marble Setters	2,054	2,287	233	11.34%	117	28	144

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-2051	Cement Masons & Concrete Finishers	7,549	8,149	600	7.95%	300	142	442
47-2053	Terrazzo Workers & Finishers	285	283	-2	-0.70%	0	6	6
47-2061	Construction Laborers	22,122	22,599	477	2.16%	239	276	514
47-2071	Paving, Surfacing, & Tamping Equipment Operators	1,365	1,385	20	1.47%	10	18	28
47-2072	Pile-Driver Operators	104	100	-4	-3.85%	0	2	2
47-2073	Operating Engineers & Other Construction Equipment	8,917	9,076	159	1.78%	80	223	302
47-2081	Drywall & Ceiling Tile Installers	6,862	7,572	710	10.35%	355	141	496
47-2082	Tapers	4,169	4,591	422	10.12%	211	85	296
47-2111	Electricians	10,670	11,583	913	8.56%	457	198	655
47-2121	Glaziers	1,337	1,455	118	8.83%	59	26	85
47-2130	Insulation Workers	933	996	63	6.75%	32	28	60
47-2141	Painters, Construction & Maintenance	9,660	10,212	552	5.71%	276	134	410
47-2142	Paperhangers	1,037	1,080	43	4.15%	22	11	33
47-2151	Pipelayers	1,348	1,353	5	0.37%	3	30	32
47-2152	Plumbers, Pipefitters, & Steamfitters	8,528	9,246	718	8.42%	359	187	546
47-2161	Plasterers & Stucco Masons	3,737	4,068	331	8.86%	166	61	227
47-2171	Reinforcing Iron & Rebar Workers	709	748	39	5.50%	20	13	32
47-2181	Roofers	4,589	4,975	386	8.41%	193	100	293
47-2211	Sheet Metal Workers	4,176	4,465	289	6.92%	145	99	243
47-2221	Structural Iron & Steel Workers	1,844	1,978	134	7.27%	67	33	100
47-3000	Helpers, Construction Trades	20,008	21,311	1,303	6.51%	652	824	1,476
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	2,635	2,817	182	6.91%	91	109	200
47-3012	Helpers--Carpenters	5,913	6,072	159	2.69%	80	244	323
47-3013	Helpers--Electricians	2,386	2,592	206	8.63%	103	98	201
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco	2,108	2,310	202	9.58%	101	87	188
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	3,747	4,039	292	7.79%	146	155	301
47-3016	Helpers--Roofers	1,200	1,323	123	10.25%	62	50	111
47-3019	Helpers, Construction Trades, All Other	2,019	2,158	139	6.88%	70	83	153
47-4000	Other Construction & Related Workers	8,028	8,523	495	6.17%	248	157	404
47-4011	Construction & Building Inspectors	2,529	2,692	163	6.45%	82	51	133
47-4021	Elevator Installers & Repairers	414	452	38	9.18%	19	10	29
47-4031	Fence Erectors	683	717	34	4.98%	17	9	26
47-4041	Hazardous Materials Removal Workers	1,488	1,639	151	10.15%	76	39	114
47-4051	Highway Maintenance Workers	2,154	2,232	78	3.62%	39	29	68
47-4061	Rail-Track Laying & Maintenance Equipment Operators	171	172	1	0.58%	1	4	5
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	490	518	28	5.71%	14	14	28

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-4091	Segmental Pavers	99	101	2	2.02%	1	2	3
47-4900	All Other Construction Trades & Related Workers	2,993	3,175	182	6.08%	91	44	135
47-4999	Construction Trades & Related Workers, All Other (OES Only)	2,993	3,175	182	6.08%	91	44	135
47-5000	Extraction Workers	2,889	2,866	-23	-0.80%	0	62	62
47-5011	Derrick Operators, Oil & Gas	74	77	3	4.05%	2	2	4
47-5012	Rotary Drill Operators, Oil & Gas	37	38	1	2.70%	1	1	2
47-5013	Service Unit Operators, Oil, Gas, & Mining	19	19	0	0.00%	0	1	1
47-5021	Earth Drillers, Except Oil & Gas	620	590	-30	-4.84%	0	13	13
47-5031	Explosives Workers, Ordnance Handling Experts, & Blasters	152	146	-6	-3.95%	0	7	7
47-5041	Continuous Mining Machine Operators	311	300	-11	-3.54%	0	9	9
47-5042	Mine Cutting & Channeling Machine Operators	224	217	-7	-3.13%	0	7	7
47-5049	Mining Machine Operators, All Other	59	53	-6	-10.17%	0	2	2
47-5051	Rock Splitters, Quarry	272	258	-14	-5.15%	0	7	7
47-5061	Roof Bolters, Mining	29	25	-4	-13.79%	0	1	1
47-5071	Roustabouts, Oil & Gas	87	86	-1	-1.15%	0	3	3
47-5081	Helpers--Extraction Workers	847	905	58	6.85%	29	23	52
47-5099	Extraction Workers, All Other	158	152	-6	-3.80%	0	4	4
49-0000	Installation, Maintenance, & Repair Occupations	109,353	114,650	5,297	4.84%	2,649	2,446	5,095
49-1000	Supervisors of Installation, Maintenance, & Repair Workers	7,739	8,131	392	5.07%	196	177	373
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	7,739	8,131	392	5.07%	196	177	373
49-2000	Electrical & Electronic Equipment Mechanics, Installers, & Repairers	15,508	15,832	324	2.09%	162	273	435
49-2011	Computer, Automated Teller, & Office Machine Repairers	2,035	2,071	36	1.77%	18	22	40
49-2021	Radio Mechanics	198	193	-5	-2.53%	0	4	4
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	3,783	3,784	1	0.03%	1	68	69
49-2091	Avionics Technicians	540	562	22	4.07%	11	12	23
49-2092	Electric Motor, Power Tool, & Related Repairers	349	344	-5	-1.43%	0	8	8
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	453	460	7	1.55%	4	11	14
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	3,497	3,511	14	0.40%	7	71	78
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation, & Relay	273	292	19	6.96%	10	6	15
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	301	302	1	0.33%	1	7	8
49-2097	Electronic Home Entertainment Equipment Installers &	1,739	1,810	71	4.08%	36	32	67

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-2098	Security & Fire Alarm Systems Installers	1,938	2,107	169	8.72%	85	34	119
49-2099	Electrical & Electronic Equipment Mechanics, Installers, & Repairers, All Other (OES Only)	402	396	-6	-1.49%	0	7	7
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	37,494	39,440	1,946	5.19%	973	959	1,932
49-3011	Aircraft Mechanics & Service Technicians	3,237	3,485	248	7.66%	124	73	197
49-3021	Automotive Body & Related Repairers	3,845	4,060	215	5.59%	108	74	181
49-3022	Automotive Glass Installers & Repairers	1,172	1,228	56	4.78%	28	21	49
49-3023	Automotive Service Technicians & Mechanics	17,242	18,213	971	5.63%	486	447	933
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	4,910	5,108	198	4.03%	99	122	221
49-3041	Farm Equipment Mechanics	328	325	-3	-0.91%	0	7	7
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,322	2,356	34	1.46%	17	46	63
49-3043	Rail Car Repairers	145	150	5	3.45%	3	3	6
49-3051	Motorboat Mechanics	259	280	21	8.11%	11	6	17
49-3052	Motorcycle Mechanics	209	228	19	9.09%	10	5	15
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	411	418	7	1.70%	4	10	13
49-3091	Bicycle Repairers	127	136	9	7.09%	5	7	11
49-3092	Recreational Vehicle Service Technicians	565	604	39	6.90%	20	29	48
49-3093	Tire Repairers & Changers	2,008	2,134	126	6.27%	63	101	164
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers, All Other (OES Only)	714	715	1	0.14%	1	19	19
49-9000	Other Installation, Maintenance, & Repair Occupations	48,612	51,247	2,635	5.42%	1,318	1,038	2,356
49-9011	Mechanical Door Repairers	155	162	7	4.52%	4	4	8
49-9012	Control & Valve Installers & Repairers, Except Mechanical	1,037	1,136	99	9.55%	50	25	75
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics &	4,592	5,018	426	9.28%	213	53	266
49-9031	Home Appliance Repairers	1,369	1,406	37	2.70%	19	32	50
49-9041	Industrial Machinery Mechanics	1,933	1,946	13	0.67%	7	36	42
49-9042	Maintenance & Repair Workers, General	18,936	20,176	1,240	6.55%	620	336	956
49-9043	Maintenance Workers, Machinery	2,021	2,001	-20	-0.99%	0	47	47
49-9044	Millwrights	984	1,003	19	1.93%	10	23	32
49-9045	Refractory Materials Repairers, Except Brickmasons	45	39	-6	-13.33%	0	1	1
49-9051	Electrical Power-Line Installers & Repairers	1,548	1,618	70	4.52%	35	48	83
49-9052	Telecommunications Line Installers & Repairers	3,074	3,233	159	5.17%	80	81	161
49-9061	Camera & Photographic Equipment Repairers	117	106	-11	-9.40%	0	3	3
49-9062	Medical Equipment Repairers	309	319	10	3.24%	5	8	13
49-9063	Musical Instrument Repairers & Tuners	541	565	24	4.44%	12	15	27
49-9064	Watch Repairers	419	447	28	6.68%	14	11	25

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-9069	Precision Instrument & Equipment Repairers, All Other	279	267	-12	-4.30%	0	8	8
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	643	652	9	1.40%	5	15	20
49-9092	Commercial Divers	97	86	-11	-11.34%	0	2	2
49-9093	Fabric Menders, Except Garment	42	41	-1	-2.38%	0	1	1
49-9094	Locksmiths & Safe Repairers	583	606	23	3.95%	12	19	31
49-9095	Manufactured Building & Mobile Home Installers	409	423	14	3.42%	7	10	17
49-9096	Riggers	224	228	4	1.79%	2	5	7
49-9097	Signal & Track Switch Repairers	391	433	42	10.74%	21	14	35
49-9098	Helpers--Installation, Maintenance, & Repair Workers	3,663	3,813	150	4.10%	75	135	210
49-9099	Installation, Maintenance, & Repair Workers, All Other	5,201	5,523	322	6.19%	161	113	274
51-0000	Production Occupations	133,451	137,396	3,945	2.96%	1,973	3,066	5,039
51-1000	Supervisors, Production Workers	8,102	8,458	356	4.39%	178	156	334
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	8,102	8,458	356	4.39%	178	156	334
51-2000	Assemblers & Fabricators	25,358	25,885	527	2.08%	264	637	901
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	645	643	-2	-0.31%	0	18	18
51-2021	Coil Winders, Tapers, & Finishers	383	375	-8	-2.09%	0	9	9
51-2022	Electrical & Electronic Equipment Assemblers	2,255	2,201	-54	-2.39%	0	51	51
51-2023	Electromechanical Equipment Assemblers	682	664	-18	-2.64%	0	16	16
51-2031	Engine & Other Machine Assemblers	342	342	0	0.00%	0	10	10
51-2041	Structural Metal Fabricators & Fitters	828	818	-10	-1.21%	0	19	19
51-2091	Fiberglass Laminators & Fabricators	446	446	0	0.00%	0	12	12
51-2092	Team Assemblers	16,434	16,996	562	3.42%	281	420	701
51-2093	Timing Device Assemblers, Adjusters, & Calibrators	271	270	-1	-0.37%	0	7	7
51-2099	Assemblers & Fabricators, All Other	3,072	3,130	58	1.89%	29	79	108
51-3000	Food Processing Workers	8,949	9,400	451	5.04%	226	213	438
51-3011	Bakers	3,227	3,344	117	3.63%	59	77	135
51-3021	Butchers & Meat Cutters	2,097	2,122	25	1.19%	13	48	60
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	757	825	68	8.98%	34	17	51
51-3023	Slaughterers & Meat Packers	613	739	126	20.55%	63	14	77
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators & Tenders	307	312	5	1.63%	3	10	12
51-3092	Food Batchmakers	1,224	1,326	102	8.33%	51	32	83
51-3093	Food Cooking Machine Operators & Tenders	348	359	11	3.16%	6	8	14
51-3099	Food Processing Workers, All Other (OES Only)	376	373	-3	-0.80%	0	9	9
51-4000	Metal Workers & Plastic Workers	23,948	24,272	324	1.35%	162	501	663
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	1,034	1,043	9	0.87%	5	15	19

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-4012	Numerical Tool & Process Control Programmers	418	410	-8	-1.91%	0	6	6
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	1,201	1,255	54	4.50%	27	41	68
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & Plastic	409	413	4	0.98%	2	6	8
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & Plastic	362	356	-6	-1.66%	0	8	8
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	2,325	2,427	102	4.39%	51	52	103
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	559	534	-25	-4.47%	0	14	14
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	1,054	1,042	-12	-1.14%	0	19	19
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	578	575	-3	-0.52%	0	11	11
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	514	501	-13	-2.53%	0	8	8
51-4041	Machinists	4,115	4,210	95	2.31%	48	92	139
51-4051	Metal-Refining Furnace Operators & Tenders	141	132	-9	-6.38%	0	3	3
51-4052	Pourers & Casters, Metal	82	83	1	1.22%	1	2	2
51-4061	Model Makers, Metal & Plastic	112	106	-6	-5.36%	0	4	4
51-4062	Patternmakers, Metal & Plastic	68	59	-9	-13.24%	0	2	2
51-4071	Foundry Mold & Coremakers	214	207	-7	-3.27%	0	5	5
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	1,447	1,456	9	0.62%	5	34	38
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	694	674	-20	-2.88%	0	19	19
51-4111	Tool & Die Makers	680	662	-18	-2.65%	0	14	14
51-4121	Welders, Cutters, Solderers, & Brazers	4,673	4,947	274	5.86%	137	129	266
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders	561	545	-16	-2.85%	0	16	16
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	352	342	-10	-2.84%	0	14	14
51-4192	Lay-Out Workers, Metal & Plastic	137	130	-7	-5.11%	0	2	2
51-4193	Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	699	693	-6	-0.86%	0	15	15
51-4194	Tool Grinders, Filers, & Sharpeners	427	414	-13	-3.04%	0	13	13
51-4199	Metal Workers & Plastic Workers, All Other	1,092	1,056	-36	-3.30%	0	25	25
51-5000	Printing Workers	5,643	5,644	1	0.02%	1	129	130

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-5011	Bindery Workers	848	827	-21	-2.48%	0	23	23
51-5012	Bookbinders	58	60	2	3.45%	1	2	3
51-5021	Job Printers	979	984	5	0.51%	3	22	25
51-5022	Prepress Technicians & Workers	911	889	-22	-2.41%	0	21	21
51-5023	Printing Machine Operators	2,591	2,627	36	1.39%	18	57	75
51-5099	Printing Workers, All Other (OES Only)	256	257	1	0.39%	1	6	6
51-6000	Textile, Apparel, & Furnishings Workers	11,691	12,401	710	6.07%	355	237	592
51-6011	Laundry & Dry-Cleaning Workers	3,680	3,907	227	6.17%	114	104	218
51-6021	Pressers, Textile, Garment, & Related Materials	1,292	1,377	85	6.58%	43	19	62
51-6031	Sewing Machine Operators	1,812	1,947	135	7.45%	68	21	88
51-6041	Shoe & Leather Workers & Repairers	219	220	1	0.46%	1	7	8
51-6042	Shoe Machine Operators & Tenders	43	57	14	32.56%	7	1	8
51-6051	Sewers, Hand	399	401	2	0.50%	1	7	8
51-6052	Tailors, Dressmakers, & Custom Sewers	725	754	29	4.00%	14.5	12	26.5
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	64	58	-6	-9.38%	0	1.5	1.5
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	167	161	-6	-3.59%	0	4	4
51-6063	Textile Knitting & Weaving Machine Setters, Operators, &	116	125	9	7.76%	5	1	6
51-6064	Textile Winding, Twisting, & Drawing Out Machine Setters, Operators, & Tenders	399	441	42	10.53%	21	7	28
51-6091	Extruding & Forming Machine Setters, Operators, & Tenders, Synthetic & Glass Fibers	116	112	-4	-3.45%	0	2	2
51-6092	Fabric & Apparel Patternmakers	130	142	12	9.23%	6	8	14
51-6093	Upholsterers	471	460	-11	-2.34%	0	12	12
51-6099	Textile, Apparel, & Furnishings Workers, All Other	2,058	2,239	181	8.79%	91	52	142
51-7000	Woodworkers	4,589	4,587	-2	-0.04%	0	103	103
51-7011	Cabinetmakers & Bench Carpenters	1,850	1,859	9	0.49%	5	49	53
51-7021	Furniture Finishers	737	743	6	0.81%	3	15	18
51-7031	Model Makers, Wood	110	107	-3	-2.73%	0	4	4
51-7032	Patternmakers, Wood	91	86	-5	-5.49%	0	4	4
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	617	625	8	1.30%	4	19	23
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing	742	741	-1	-0.13%	0	19	19
51-7099	Woodworkers, All Other	442	426	-16	-3.62%	0	13	13
51-8000	Plant & System Operators	4,360	4,525	165	3.78%	83	117	199
51-8011	Nuclear Power Reactor Operators	21	18	-3	-14.29%	0	1	1
51-8012	Power Distributors & Dispatchers	259	277	18	6.95%	9	6	15
51-8013	Power Plant Operators	601	639	38	6.32%	19	14	33

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-8021	Stationary Engineers & Boiler Operators	1,028	1,029	1	0.10%	1	16	17
51-8031	Water & Liquid Waste Treatment Plant & System Operators	1,594	1,682	88	5.52%	44	55	99
51-8091	Chemical Plant & System Operators	173	182	9	5.20%	5	5	10
51-8092	Gas Plant Operators	84	87	3	3.57%	2	3	4
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	179	198	19	10.61%	10	6	15
51-8099	Plant & System Operators, All Other	421	413	-8	-1.90%	0	13	13
51-9000	Other Production Occupations	40,811	42,224	1,413	3.46%	707	976	1,683
51-9011	Chemical Equipment Operators & Tenders	337	329	-8	-2.37%	0	10	10
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters, Operators, & Tenders	833	789	-44	-5.28%	0	25	25
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators, & Tenders	969	951	-18	-1.86%	0	25	25
51-9022	Grinding & Polishing Workers, Hand	1,851	1,988	137	7.40%	69	47	116
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	851	833	-18	-2.12%	0	22	22
51-9031	Cutters & Trimmers, Hand	422	419	-3	-0.71%	0	9	9
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	825	834	9	1.09%	5	17	22
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders	762	761	-1	-0.13%	0	20	20
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	221	205	-16	-7.24%	0	5	5
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	5,680	5,863	183	3.22%	92	124	215
51-9071	Jewelers & Precious Stone & Metal Workers	293	305	12	4.10%	6	6	12
51-9081	Dental Laboratory Technicians	1,255	1,296	41	3.27%	21	26	46
51-9082	Medical Appliance Technicians	199	207	8	4.02%	4	4	8
51-9083	Ophthalmic Laboratory Technicians	558	587	29	5.20%	15	12	26
51-9111	Packaging & Filling Machine Operators & Tenders	4,346	4,779	433	9.96%	217	85	301
51-9121	Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	1,279	1,311	32	2.50%	16	34	50
51-9122	Painters, Transportation Equipment	667	692	25	3.75%	13	18	30
51-9123	Painting, Coating, & Decorating Workers	670	680	10	1.49%	5	18	23
51-9131	Photographic Process Workers	560	558	-2	-0.36%	0	14	14
51-9132	Photographic Processing Machine Operators	636	655	19	2.99%	10	15	25
51-9141	Semiconductor Processors	1,616	1,565	-51	-3.16%	0	34	34
51-9191	Cementing & Gluing Machine Operators & Tenders	204	191	-13	-6.37%	0	6	6
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	245	232	-13	-5.31%	0	8	8
51-9193	Cooling & Freezing Equipment Operators & Tenders	91	96	5	5.49%	3	3	5

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-9194	Etchers & Engravers	163	165	2	1.23%	1	5	6
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	778	786	8	1.03%	4	18	22
51-9196	Paper Goods Machine Setters, Operators, & Tenders	755	785	30	3.97%	15	16	31
51-9197	Tire Builders	61	62	1	1.64%	1	2	2
51-9198	Helpers--Production Workers	10,135	10,734	599	5.91%	300	297	597
51-9199	Production Workers, All Other	3,549	3,566	17	0.48%	9	83	91
53-0000	Transportation & Material Moving Occupations	154,565	160,821	6,256	4.05%	3,128	3,606	6,734
53-1000	Supervisors, Transportation & Material Moving Workers	6,589	6,669	80	1.21%	40	144	184
53-1011	Aircraft Cargo Handling Supervisors	215	207	-8	-3.72%	0	5	5
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	2,620	2,614	-6	-0.23%	0	58	58
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	3,754	3,848	94	2.50%	47	82	129
53-2000	Air Transportation Workers	4,369	4,613	244	5.58%	122	106	228
53-2011	Airline Pilots, Copilots, & Flight Engineers	2,601	2,738	137	5.27%	69	64	133
53-2012	Commercial Pilots	788	851	63	7.99%	32	20	51
53-2021	Air Traffic Controllers	336	348	12	3.57%	6	8	14
53-2022	Airfield Operations Specialists	176	173	-3	-1.70%	0	4	4
53-2099	Air Transportation Workers, All Other (OES Only)	468	503	35	7.48%	18	10	28
53-3000	Motor Vehicle Operators	62,654	65,406	2,752	4.39%	1,376	865	2,241
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical Technicians	162	170	8	4.94%	4	2	6
53-3021	Bus Drivers, Transit & Intercity	3,488	3,705	217	6.22%	109	71	180
53-3022	Bus Drivers, School	6,255	6,710	455	7.27%	228	127	355
53-3031	Driver/Sales Workers	7,568	7,708	140	1.85%	70	113	183
53-3032	Truck Drivers, Heavy & Tractor-Trailer	26,113	27,073	960	3.68%	480	390	870
53-3033	Truck Drivers, Light or Delivery Services	14,758	15,502	744	5.04%	372	119	491
53-3041	Taxi Drivers & Chauffeurs	2,253	2,364	111	4.93%	56	18	74
53-3099	Motor Vehicle Operators, All Other	2,057	2,174	117	5.69%	59	26	85
53-4000	Rail Transportation Workers	1,267	1,358	91	7.18%	46	31	76
53-4011	Locomotive Engineers	398	434	36	9.05%	18	11	29
53-4012	Locomotive Firers	**	**	**	**	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, & Hostlers	27	23	-4	-14.81%	0	1	1
53-4021	Railroad Brake, Signal, & Switch Operators	184	193	9	4.89%	5	2	6
53-4031	Railroad Conductors & Yardmasters	577	634	57	9.88%	29	15	43
53-4041	Subway & Streetcar Operators	16	14	-2	-12.50%	0	1	1
53-4099	Rail Transportation Workers, All Other	57	53	-4	-7.02%	0	2	2

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total
53-5000	Water Transportation Workers	250	239	-11	-4.40%	0	6	6
53-5011	Sailors & Marine Oilers	67	65	-2	-2.99%	0	2	2
53-5021	Captains, Mates, & Pilots of Water Vessels	97	94	-3	-3.09%	0	3	3
53-5022	Motorboat Operators	42	44	2	4.76%	1	1	2
53-5031	Ship Engineers	20	16	-4	-20.00%	0	1	1
53-5099	Water Transportation Workers, All Other (OES Only)	24	20	-4	-16.67%	0	1	1
53-6000	Other Transportation Workers	6,301	6,619	318	5.05%	159	238	397
53-6021	Parking Lot Attendants	2,186	2,293	107	4.89%	54	72	125
53-6031	Service Station Attendants	1,737	1,825	88	5.07%	44	95	139
53-6041	Traffic Technicians	263	277	14	5.32%	7	9	16
53-6051	Transportation Inspectors	499	501	2	0.40%	1	11	12
53-6099	Transportation Workers, All Other	1,609	1,718	109	6.77%	55	52	107
53-7000	Material Moving Workers	73,135	75,917	2,782	3.80%	1,391	2,218	3,609
53-7011	Conveyor Operators & Tenders	1,156	1,158	2	0.17%	1	34	35
53-7021	Crane & Tower Operators	443	439	-4	-0.90%	0	9	9
53-7031	Dredge Operators	112	103	-9	-8.04%	0	3	3
53-7032	Excavating & Loading Machine & Dragline Operators	830	834	4	0.48%	2	22	24
53-7033	Loading Machine Operators, Underground Mining	80	73	-7	-8.75%	0	2	2
53-7041	Hoist & Winch Operators	112	102	-10	-8.93%	0	4	4
53-7051	Industrial Truck & Tractor Operators	6,422	6,640	218	3.39%	109	114	223
53-7061	Cleaners of Vehicles & Equipment	8,297	8,669	372	4.48%	186	320	506
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	33,230	34,601	1,371	4.13%	686	1,250	1,935
53-7063	Machine Feeders & Offbearers	1,444	1,394	-50	-3.46%	0	42	42
53-7064	Packers & Packagers, Hand	17,628	18,458	830	4.71%	415	333	748
53-7071	Gas Compressor & Gas Pumping Station Operators	51	45	-6	-11.76%	0	1	1
53-7072	Pump Operators, Except Wellhead Pumps	109	108	-1	-0.92%	0	3	3
53-7073	Wellhead Pumps	17	14	-3	-17.65%	0	1	1
53-7081	Refuse & Recyclable Material Collectors	2,086	2,215	129	6.18%	65	53	118
53-7111	Shuttle Car Operators	25	22	-3	-12.00%	0	1	1
53-7121	Tank Car, Truck, & Ship Loaders	141	130	-11	-7.80%	0	4	4
53-7199	Material Moving Workers, All Other	952	912	-40	-4.20%	0	26	26

*For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
For Occupational Dictionary, see: http://www.workforce.az.gov/admin/uploadedPublications/1194_OccDictByCode.pdf

2003-2005 Arizona Statewide Occupational Projections Revised

Standard Occupation Classification (SOC)*		Employment		2 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2005 Projected	Number	Percent	Due to Growth	Due to Separations	Total

**Data suppressed due to confidentiality or base employment of 10 or less.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.

Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Totals may not add exactly due to rounding or suppression of data.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.

It is therefore recommended that these data be used with other sources of occupational information.

This is a revision of the 2003-2005 Arizona Statewide occupation projections released by DES Research Administration on 6-10-04. These revised projections estimate a net increase of 122,776 in growth openings, which is a 28,006 increase from the earlier estimate. This increase is due to a change in the way self employed and unpaid family workers are estimated. The earlier projections estimated an 18% decrease in self employed workers whereas the current projections estimate a 2.6% decrease in increase in the number of projected openings. Examples of occupations that have self-employed workers can be found in sales, construction, personal care, landscaping, legal, and healthcare. For questions regarding these revisions, email Jack York jyork@azdes.gov or Rick Van Sickle rvansickle@azdes.gov or call 602-542-3871.

See Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>